



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**RESPONSE TO OFFICE ACTION DATED:**

**August 8, 2005**

Atty. Docket No.  
**SYMM1160-1**

Applicant(s)

**Jeremy Sommer et al.**

Application Number

**09/843,161**

Date Filed

**April 25, 2001**

For

**LONG SUBSCRIBER LOOPS USING AUTOMATIC  
GAIN CONTROL**

Group Art Unit

**2634**

Examiner

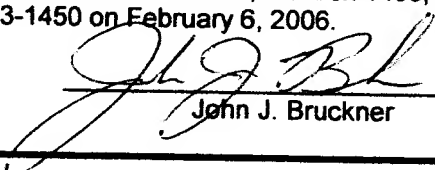
**Liu, Shuwang**

Confirmation Number:

**8582**

**Certificate of Express Mailing Under 37 C.F.R. 1.10**

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John J. Bruckner

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Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Dear Sir:

This is in response to the Office Action dated August 8, 2005. In response to the Office Action, Applicants respectfully request that the Examiner reconsider this application in view of the following amendments and the remarks set forth below. Please amend the Application as follows: